

OIPE

RAW SEQUENCE LISTING DATE: 08/14/2000
 PATENT APPLICATION: US/09/630,333 TIME: 11:28:57

Input Set : A:\U0127991.app
 Output Set: N:\CRF3\08142000\I630333.raw

3 <110> APPLICANT: BURMAN C, ANAND
 4 PRASAD, SUDHANHAND
 5 MUKHERJEE, RAMA
 6 JAGGI, MANU
 7 SINGH T, ANU
 8 MATHUR, ARCHNA
 10 <120> TITLE OF INVENTION: BOMBESIN ANALOGS FOR TREATMENT OF CANCER
 12 <130> FILE REFERENCE: U012799-1
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/630,333
 C--> 15 <141> CURRENT FILING DATE: 2000-07-31
 17 <150> PRIOR APPLICATION NUMBER: 147/DEL/2000
 18 <151> PRIOR FILING DATE: 2000-02-24
 20 <160> NUMBER OF SEQ ID NOS: 12
 22 <170> SOFTWARE: PatentIn Ver. 2.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 14
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Bombina bombina
 29 <400> SEQUENCE: 1
 30 Glu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
 31 1 5 10
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 10
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Sus barbatus
 39 <400> SEQUENCE: 2
 40 Gly Asn His Trp Ala Val Gly His Leu Met
 41 1 5 10
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 8
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
 51 was synthetically generated
 53 <220> FEATURE:
 54 <221> NAME/KEY: MOD_RES
 55 <222> LOCATION: (1)
 56 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
 58 <220> FEATURE:
 59 <221> NAME/KEY: MOD_RES
 60 <222> LOCATION: (6)
 61 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
 63 <400> SEQUENCE: 3
 W--> 64 Xaa Gln Trp Ala Val Xaa His Leu
 65 1 5
 68 <210> SEQ ID NO: 4

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/630,333

DATE: 08/14/2000
TIME: 11:28:57

Input Set : A:\U0127991.app
Output Set: N:\CRF3\08142000\I630333.raw

```

69 <211> LENGTH: 8
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
    was synthetically generated
75
77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: (1)
80 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (4)
85 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
87 <400> SEQUENCE: 4
W--> 88 Xaa Gln Trp Xaa Val Gly His Leu
     1           5
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 8
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
    was synthetically generated
99
101 <220> FEATURE:
102 <221> NAME/KEY: MOD_RES
103 <222> LOCATION: (1)
104 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
106 <220> FEATURE:
107 <221> NAME/KEY: MOD_RES
108 <222> LOCATION: (3)
109 <223> OTHER INFORMATION: /product = D-tryptophan/label = D-Trp
111 <220> FEATURE:
112 <221> NAME/KEY: MOD_RES
113 <222> LOCATION: (6)
114 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
116 <400> SEQUENCE: 5
W--> 117 Xaa Gln Xaa Ala Val Xaa His Leu
     1           5
118 <210> SEQ ID NO: 6
121 <211> LENGTH: 8
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
    was synthetically generated.
127 <220> FEATURE:
130 <221> NAME/KEY: MOD_RES
132 <222> LOCATION: (1)

```

RAW SEQUENCE LISTING DATE: 08/14/2000
 PATENT APPLICATION: US/09/630,333 TIME: 11:28:57

Input Set : A:\U0127991.app
 Output Set: N:\CRF3\08142000\I630333.raw

```

133 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
135 <220> FEATURE:
136 <221> NAME/KEY: MOD_RES
137 <222> LOCATION: (4)
138 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
140 <400> SEQUENCE: 6
W--> 141 Xaa Gln Trp Xaa Val Gly His Ile
142   1           5
145 <210> SEQ ID NO: 7
146 <211> LENGTH: 8
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
152   was synthetically generated.
154 <220> FEATURE:
155 <221> NAME/KEY: MOD_RES
156 <222> LOCATION: (1)
157 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
159 <220> FEATURE:
160 <221> NAME/KEY: MOD_RES
161 <222> LOCATION: (6)
162 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
164 <400> SEQUENCE: 7
W--> 165 Xaa Gln Trp Ala Val Xaa His Ile
166   1           5
169 <210> SEQ ID NO: 8
170 <211> LENGTH: 8
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
176   was synthetically generated.
178 <220> FEATURE:
179 <221> NAME/KEY: MOD_RES
180 <222> LOCATION: (1)
181 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
183 <220> FEATURE:
184 <221> NAME/KEY: MOD_RES
185 <222> LOCATION: (3)
186 <223> OTHER INFORMATION: /product = D-tryptophan/label = D-Trp
188 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (6)
191 <223> OTHER INFORMATION: /product = alpha,alpha-di-n-propylglycine/label =
192   Dpg
194 <400> SEQUENCE: 8
W--> 195 Xaa Gln Xaa Ala Val Xaa His Leu
196   1           5

```

RAW SEQUENCE LISTING DATE: 08/14/2000
PATENT APPLICATION: US/09/630,333 TIME: 11:28:57

Input Set : A:\U0127991.app
Output Set: N:\CRF3\08142000\I630333.raw

199 <210> SEQ ID NO: 9
200 <211> LENGTH: 8
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
206 was synthetically generated.
208 <220> FEATURE:
209 <221> NAME/KEY: MOD_RES
210 <222> LOCATION: (1)
211 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (4)
216 <223> OTHER INFORMATION: /product = alpha,alpha-diethyl glycine = Deg
218 <400> SEQUENCE: 9
W--> 219 Xaa Gln Trp Xaa Val Gly His Leu
220 1 5
223 <210> SEQ ID NO: 10
224 <211> LENGTH: 8
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
230 was synthetically generated.
232 <220> FEATURE:
233 <221> NAME/KEY: MOD_RES
234 <222> LOCATION: (1)
235 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
237 <220> FEATURE:
238 <221> NAME/KEY: MOD_RES
239 <222> LOCATION: (6)
240 <223> OTHER INFORMATION: /product = 1-Aminocyclopentane carboxylic
241 acid/label = Ac5c
243 <400> SEQUENCE: 10
W--> 244 Xaa Gln Trp Ala Val Xaa His Leu
245 1 5
248 <210> SEQ ID NO: 11
249 <211> LENGTH: 8
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
255 was synthetically generated.
257 <220> FEATURE:
258 <221> NAME/KEY: MOD_RES
259 <222> LOCATION: (1)
260 <223> OTHER INFORMATION: /product = Butanoyl-D-phenylalanine/label =
261 Butanoyl-D-Phe

RAW SEQUENCE LISTING DATE: 08/14/2000
PATENT APPLICATION: US/09/630,333 TIME: 11:28:57

Input Set : A:\U0127991.app
Output Set: N:\CRF3\08142000\I630333.raw

263 <220> FEATURE:
264 <221> NAME/KEY: MOD_RES /
265 <222> LOCATION: (6)
266 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
268 <400> SEQUENCE: 11
W-K 269 Xaa Gln Trp Ala Val Xaa His Leu
270 1 5
274 <210> SEQ ID NO: 12
275 <211> LENGTH: 8
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
281 was synthetically generated
283 <220> FEATURE:
284 <221> NAME/KEY: MOD_RES /
285 <222> LOCATION: (1)
286 <223> OTHER INFORMATION: /product = Octanoyl-D-phenylalanine/label =
287 Octanoyl-D-Phe
289 <220> FEATURE:
290 <221> NAME/KEY: MOD_RES /
291 <222> LOCATION: (6)
292 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
294 <400> SEQUENCE: 12
W-K 295 Xaa Gln Trp Ala Val Xaa His Leu
296 1 5

VERIFICATION SUMMARY DATE: 08/14/2000
PATENT APPLICATION: US/09/630,333 TIME: 11:28:58

Input Set : A:\U0127991.app
Output Set: N:\CRF3\08142000\I630333.raw

L:14 M:270 C: Current Application Number differs, Replaced Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12